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20 July 1973

PROGRESS REPORT #5

ON

AUTOMATIC PHOTOINTERPRETATION FOR PLANT SPECIES
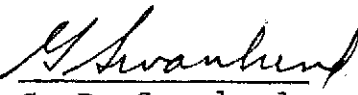
AND STRESS IDENTIFICATION (ERTS-A1)

ERTS

Proposal Number MMC 647

Principal Investigator Number PR 203

Contract Number NAS 5-21866

Prepared by: L. Kirvida   Approved by: _G. D. Swanlund_

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Progress Report #5

Mark Jensen of the University of Minnesota School of Forestry has located the training set samples in the January ERTS coverage. These locations in terms of record and word will inform us how much to translate the January image in x and y with respect to the October coverage. There is less than $\pm$ 79 meters distortion in y (direction of Satellite motion) over 25 miles. However the distortion in x is greater than 1 per cent.